

10535723

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 29 JUN 25 CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008

=> file reg
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008
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STRUCTURE FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4
DICTIONARY FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4

New CAS Information Use Policies, enter HELP USAGETERMS for details

ISCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

EGISTRY includes numerically searchable data for experiments, including the following:

10535723

experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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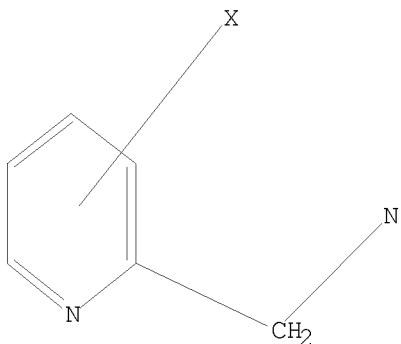
Uploading C:\Documents and Settings\brobinson1\My Documents\723.str

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:24:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 11959 TO ITERATE

16.7% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

16 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 232627 TO 245733
PROJECTED ANSWERS: 1327 TO 2499

L2 16 SEA SSS SAM L1

=> s 11 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:24:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 236269 TO ITERATE

100.0% PROCESSED 236269 ITERATIONS
SEARCH TIME: 00.00.01

1465 ANSWERS

L3 1465 SEA SSS FUL L1

Updated Search

10535723

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=> file hcaplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          181.12          181.33
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FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008
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FILE COVERS 1907 - 18 Jul 2008 VOL 149 ISS 4
FILE LAST UPDATED: 17 Jul 2008 (20080717/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 13/prep
        461 L3
        4604477 PREP/RL
L4      311 L3/PREP
        (L3 (L) PREP/RL)
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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          2.69           184.02
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FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008
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STRUCTURE FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4
DICTIONARY FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Updated Search

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

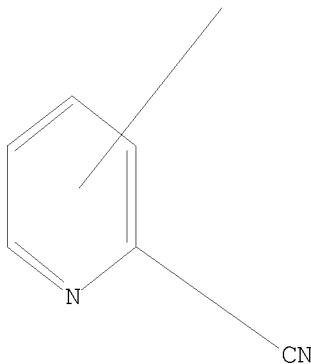
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

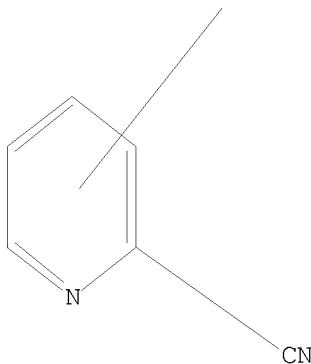
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L6 HAS NO ANSWERS
L6 STR

Updated Search

10535723



Structure attributes must be viewed using STN Express query preparation.

=> s 16

SAMPLE SEARCH INITIATED 11:27:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1118 TO ITERATE

100.0% PROCESSED 1118 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 20355 TO 24365
PROJECTED ANSWERS: 44 TO 476

L7 13 SEA SSS SAM L6

=> s 16 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:27:24 FILE 'REGISTRY'
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100.0% PROCESSED 21442 ITERATIONS 377 ANSWERS
SEARCH TIME: 00.00.01

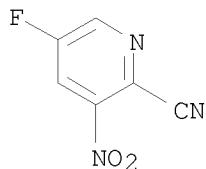
L8 377 SEA SSS FUL L6

=> d 18, 1-3

L8 ANSWER 1 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1033202-51-5 REGISTRY
ED Entered STN: 09 Jul 2008
CN 2-Pyridinecarbonitrile, 5-fluoro-3-nitro- (CA INDEX NAME)
MF C6 H2 F N3 O2
SR Chemical Catalog
Supplier: ChemPacific USA Sales Marketing and Research Center

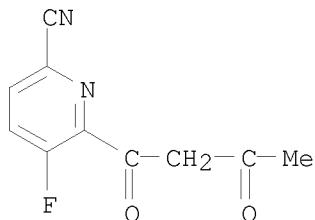
Updated Search

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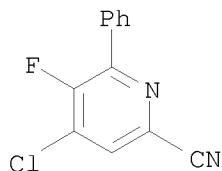
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 2 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1020040-01-0 REGISTRY
ED Entered STN: 08 May 2008
CN 2-Pyridinecarbonitrile, 6-(1,3-dioxobutyl)-5-fluoro- (CA INDEX NAME)
MF C10 H7 F N2 O2
SR Chemical Catalog
Supplier: ChemMaker



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 3 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1019930-24-5 REGISTRY
ED Entered STN: 07 May 2008
CN 2-Pyridinecarbonitrile, 4-chloro-5-fluoro-6-phenyl- (CA INDEX NAME)
MF C12 H6 Cl F N2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

Updated Search

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file hcaplus		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		186.20	370.22

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008
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FILE COVERS 1907 - 18 Jul 2008 VOL 149 ISS 4
FILE LAST UPDATED: 17 Jul 2008 (20080717/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008
L1 STRUCTURE uploaded
L2 16 S L1
L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008
L4 311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008
L5 STRUCTURE uploaded
L6 STRUCTURE uploaded
L7 13 S L6
L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008

=> s 18/rct

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643 L8
3121580 RCT/RL
L9 532 L8/RCT
(L8 (L) RCT/RL)

=> s 19 and 14
L10 51 L9 AND L4

=> s 110 and raney?
28686 RANEY?
L11 1 L10 AND RANEY?

=> d 111, ibib abs hitstr, 1

L11 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:427623 HCPLUS
DOCUMENT NUMBER: 141:7024
TITLE: A novel process for the preparation of
2-aminomethylpyridine derivatives via Ni-catalyzed
hydrogenation of 2-cyanopyridine derivatives
INVENTOR(S): Vangelisti, Manuel
PATENT ASSIGNEE(S): Bayer Cropscience Sa, Fr.
SOURCE: Eur. Pat. Appl., 6 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1422221	A1	20040526	EP 2002-356236	20021120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO 2004046114	A1	20040603	WO 2003-EP14892	20031118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003290121	A1	20040615	AU 2003-290121	20031118
BR 2003014461	A	20050726	BR 2003-14461	20031118
EP 1565440	A1	20050824	EP 2003-782483	20031118
EP 1565440	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1711244	A	20051221	CN 2003-80103328	20031118
JP 2006508143	T	20060309	JP 2004-552709	20031118
AT 348811	T	20070115	AT 2003-782483	20031118
ES 2274297	T3	20070516	ES 2003-782483	20031118
US 20060004206	A1	20060105	US 2005-535723	20050520

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PRIORITY APPLN. INFO.:

EP 2002-356236

A 20021120

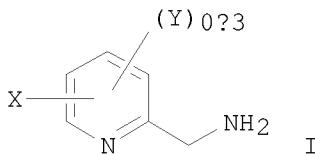
WO 2003-EP14892

W 20031118

OTHER SOURCE(S):

CASREACT 141:7024; MARPAT 141:7024

GI



AB The invention relates to a process for the preparation of 2-aminomethylpyridine derivs. of formula I [wherein: X is halogen atom; each Y may be the same or different and may be a halogen atom, a halogenoalkyl, an alkoxy carbonyl or an alkylsulfonyl], useful as intermediates for preparation of pesticides. 2-Aminomethyl-3-chloro-5-trifluoromethylpyridine was prepared via Raney Ni-catalyzed hydrogenation of 2-cyano-3-chloro-5-trifluoromethylpyridine with a yield of 97%. The advantages of the proposed preparation of 2-aminomethylpyridine derivs. include the use of Raney nickel catalyst instead of expensive Pd catalyst (the Pd-catalyzed hydrogenation suffers from the disadvantage of dehalogenation reaction; Pd is also very sensitive to catalyst poisons).

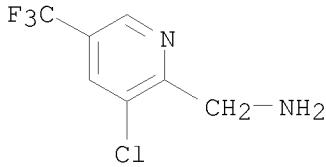
IT 175277-74-4P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(novel process for the preparation of aminomethylpyridine derivs. via Raney Ni-catalyzed hydrogenation of cyanopyridine derivs.)

RN 175277-74-4 HCAPLUS

CN 2-Pyridinemethanamine, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)



IT 80194-70-3

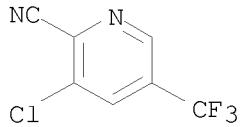
RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant; novel process for the preparation of aminomethylpyridine derivs. via Raney Ni-catalyzed hydrogenation of cyanopyridine derivs.)

RN 80194-70-3 HCAPLUS

CN 2-Pyridinecarbonitrile, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)

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REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008
L1 STRUCTURE uploaded

L2 16 S L1
L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008
L4 311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008
L5 STRUCTURE uploaded
L6 STRUCTURE uploaded
L7 13 S L6
L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008
L9 532 S L8/RCT
L10 51 S L9 AND L4
L11 1 S L10 AND RANEY?

=> s l10 and nickel?
681147 NICKEL?
L12 2 L10 AND NICKEL?

=> s l12 not l11
L13 1 L12 NOT L11

=> d l13, ibib abs hitstr, 1

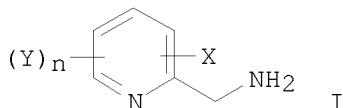
L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2002:157737 HCAPLUS
DOCUMENT NUMBER: 136:200109
TITLE: Process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines.
INVENTOR(S): Dann, Norman; Riordan, Peter Dominic; Amin, Mehul
Rasikchandra; Mellor, Michael
PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.
SOURCE: PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002016322	A2	20020228	WO 2001-EP10984	20010821
WO 2002016322	A3	20020606		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1199305	A1	20020424	EP 2001-420128	20010607
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CA 2415842	A1	20020228	CA 2001-2415842	20010821
AU 2002013948	A	20020304	AU 2002-13948	20010821
EP 1311483	A2	20030521	EP 2001-982337	20010821
EP 1311483	B1	20061220		
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BR 2001013259	A	20030715	BR 2001-13259	20010821
JP 2004506716	T	20040304	JP 2002-521198	20010821
RU 2266900	C2	20051227	RU 2003-107931	20010821
CN 1721406	A	20060118	CN 2005-10088220	20010821
AU 2002213948	B2	20060817	AU 2002-213948	20010821
AT 348810	T	20070115	AT 2001-982337	20010821
EP 1746089	A1	20070124	EP 2006-120806	20010821
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ES 2273900	T3	20070516	ES 2001-982337	20010821
TW 287538	B	20071001	TW 2001-90120533	20010821
IN 2003MN00064	A	20050204	IN 2003-MN64	20030113
KR 818566	B1	20080401	KR 2003-702724	20030225
US 20040049048	A1	20040311	US 2003-362728	20030611
US 6921828	B2	20050726		
US 20050250947	A1	20051110	US 2005-177118	20050708
US 7321043	B2	20080122		
IN 2007MN00129	A	20071123	IN 2007-MN129	20070129
PRIORITY APPLN. INFO.:			GB 2000-21066	A 20000825
			GB 2000-25616	A 20001019
			EP 2001-420128	A 20010607
			CN 2001-814622	A3 20010821
			EP 2001-982337	A3 20010821
			WO 2001-EP10984	W 20010821
			IN 2003-MN64	A3 20030113
			US 2003-362728	A1 20030611

OTHER SOURCE(S):
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CASREACT 136:200109; MARPAT 136:200109

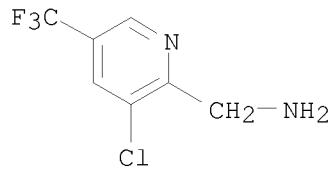


AB Title compds. (I; X = halo; Y = halo, haloalkyl, alkoxy carbonyl, alkylsulfonyl; n = 0-3) were prepared by catalytic hydrogenation of the corresponding 2-cyano derivs. Thus, 3-chloro-2-cyano-5-trifluoromethylpyridine (preparation given) was hydrogenated in MeOH over Pd/C containing HCl at 1 atmospheric to give 95-97% 2-aminomethyl-3-chloro-5-trifluoromethylpyridine hydrochloride.

IT 326476-49-7P, 2-Aminomethyl-3-chloro-5-trifluoromethylpyridine hydrochloride
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines)

RN 326476-49-7 HCPLUS

CN 2-Pyridinemethanamine, 3-chloro-5-(trifluoromethyl)-, hydrochloride (1:1)
 (CA INDEX NAME)

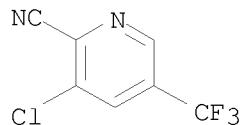


● HCl

IT 80194-70-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines)

RN 80194-70-3 HCPLUS

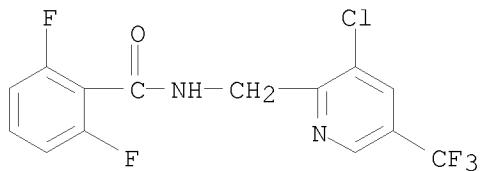
CN 2-Pyridinecarbonitrile, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)



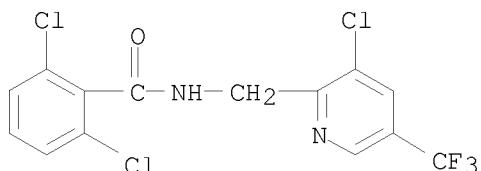
IT 239110-08-8P 239110-15-7P 239110-23-7P
 239110-27-1P 239110-28-2P 239110-62-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (process for preparation of 2-aminomethylpyridines by catalytic

10535723

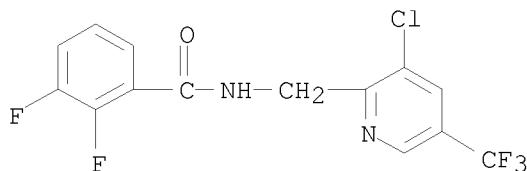
hydrogenation of 2-cyanopyridines)
RN 239110-08-8 HCAPLUS
CN Benzamide, N-[(3-chloro-5-(trifluoromethyl)-2-pyridinyl)methyl]-2,6-difluoro- (CA INDEX NAME)



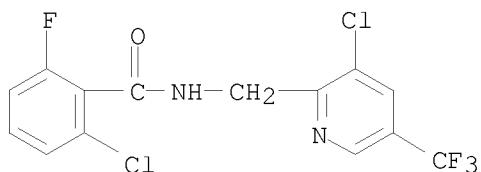
RN 239110-15-7 HCAPLUS
CN Benzamide, 2,6-dichloro-N-[(3-chloro-5-(trifluoromethyl)-2-pyridinyl)methyl]- (CA INDEX NAME)



RN 239110-23-7 HCAPLUS
CN Benzamide, N-[(3-chloro-5-(trifluoromethyl)-2-pyridinyl)methyl]-2,3-difluoro- (CA INDEX NAME)



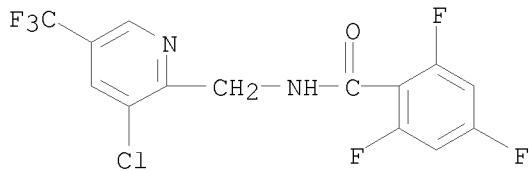
RN 239110-27-1 HCAPLUS
CN Benzamide, 2-chloro-N-[(3-chloro-5-(trifluoromethyl)-2-pyridinyl)methyl]-6-fluoro- (CA INDEX NAME)



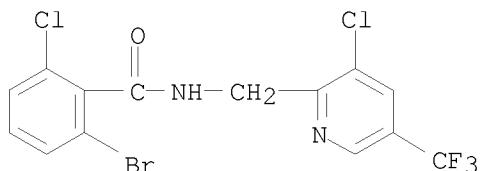
RN 239110-28-2 HCAPLUS
CN Benzamide, N-[(3-chloro-5-(trifluoromethyl)-2-pyridinyl)methyl]-2,4,6-trifluoro- (CA INDEX NAME)

Updated Search

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RN 239110-62-4 HCAPLUS
CN Benzamide, 2-bromo-6-chloro-N-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl- (CA INDEX NAME)



=> file caold			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	18.97	389.19	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	-1.60	-1.60	

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

Updated Search

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(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008
L1 STRUCTURE uploaded
L2 16 S L1
L3 1465 S L1 FULL

L4 FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008
311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008
L5 STRUCTURE uploaded
L6 STRUCTURE uploaded
L7 13 S L6
L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008
L9 532 S L8/RCT
L10 51 S L9 AND L4
L11 1 S L10 AND RANEY?
L12 2 S L10 AND NICKEL?
L13 1 S L12 NOT L11

FILE 'CAOLD' ENTERED AT 11:29:16 ON 18 JUL 2008

=> s 13 and 18
0 L3
10 L8
L14 0 L3 AND L8

=> file casreact
COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.60

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FILE CONTENT:1840 - 12 Jul 2008 VOL 149 ISS 3

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* CASREACT now has more than 13.8 million reactions *

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*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\asdfnu.str

L15 STRUCTURE UPLOADED

=> s 115
SAMPLE SEARCH INITIATED 11:39:18 FILE 'CASREACT'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS
100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L16 0 SEA SSS SAM L15 (0 REACTIONS)

=> s 115 full
THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 117.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:39:23 FILE 'CASREACT'
SCREENING COMPLETE - 40 REACTIONS TO VERIFY FROM 9 DOCUMENTS
100.0% DONE 40 VERIFIED 12 HIT RXNS 1 DOCS
SEARCH TIME: 00.00.01

L17 1 SEA SSS FUL L15 (12 REACTIONS)

=> d 117, ibib abs hitrxn, 1
'HITRXN' IS NOT A VALID FORMAT FOR FILE 'CASREACT'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE, Single-step Reactions
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IND ----- Indexing data

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IPC ----- International Patent Classifications
ISTD ----- STD, indented with text labels
OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

MAX ----- Same as ALL
PATS ----- PI, SO
SCAN ----- TI and FCRD (random display, no answer number. SCAN
must be entered on the same line as DISPLAY, e.g.,
D SCAN.)
SSRX ----- Single-Step Reactions (Map, Diagram, and Summary for
all single-step reactions)
STD ----- BIB, IPC, and NCL

CRD ----- Compact Display of All Hit Reactions
CRDREF ----- Compact Reaction Display and SO, PY for Reference
FHIT ----- Reaction Map, Diagram, and Summary for first
hit reaction
FHITCBIB --- FHIT, AN plus CBIB
FCRD ----- First hit in Compact Reaction Display (CRD) format
FCRDREF ---- First hit in Compact Reaction Display (CRD) format with
CA reference information (SO, PY). (Default)
FPATH ----- PATH, plus Reaction Summary for the "long path"
FSPATH ----- SPATH, plus Reaction Summary for the "short path"
HIT ----- Reaction Map, Reaction Diagram, and Reaction
Summary for all hit reactions and fields containing
hit terms
OCC ----- All hit fields and the number of occurrences of the
hit terms in each field. Includes total number of
HIT, PATH, SPATH reactions. Labels reactions that have
incomplete verifications.
PATH ----- Reaction Map and Reaction Diagram for the "long
path". Displays all hit reactions, except those
whose steps are totally included within another hit
reaction which is displayed
RX ----- Hit Reactions (Map, Diagram, Summary for all hit reactions)
RXG ----- Hit Reaction Graphics (Map and Diagram for all hit reactions)
RXL ----- Hit Reaction Long (Map, Diagram, Summary for all hit reactions)
RXS ----- Hit Reaction Summariers (Map and Summary for all hit reactions)
SPATH ----- Reaction Map and Reaction Diagram for the "short
path". Displays all single step reactions which
contain a hit substance. Also displays those
multistep reactions that have a hit substance in both
the first and last steps of the reaction, except for
those hit reactions whose steps are totally included
within another hit reaction which is displayed

To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELDS
at an arrow prompt (=>). Examples of combinations include: D TI;
D BIB RX; D TI, AU, FCRD. The information is displayed in the same order
as the specification. All of the formats, except CRD, CRDREF, FHIT, PATH,
FPATH, SPATH, FSPATH, FCRD, FCRDREF, HIT, RX, RXG, RXS, SCAN, and OCC, may

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be used with the DISPLAY command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (FCRDREF):end

=> d his

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008

L1 STRUCTURE uploaded
L2 16 S L1
L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008

L4 311 S L3/PREP

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L5 STRUCTURE uploaded
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FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008

L9 532 S L8/RCT
L10 51 S L9 AND L4
L11 1 S L10 AND RANEY?
L12 2 S L10 AND NICKEL?
L13 1 S L12 NOT L11

FILE 'CAOLD' ENTERED AT 11:29:16 ON 18 JUL 2008

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FILE 'CASREACT' ENTERED AT 11:29:40 ON 18 JUL 2008

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L17 1 S L15 FULL

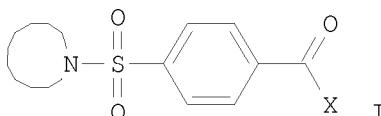
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L17 ANSWER 1 OF 1 CASREACT COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 143:133274 CASREACT
TITLE: Preparation of arylsulfonyl-substituted indoles as CB1
receptor modulators
INVENTOR(S): Allen, Jennifer Rebecca; Amegadzie, Albert Kudzovi;
Gardinier, Kevin Matthew; Gregory, George Stuart;
Hitchcock, Steven Andrew; Hoogestraat, Paul J.; Jones,
Winton Dennis, Jr.; Smith, Daryl Lynn
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 204 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066126	A1	20050721	WO 2004-US39763	20041213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004312311	A1	20050721	AU 2004-312311	20041213
CA 2549396	A1	20050721	CA 2004-2549396	20041213
EP 1699761	A1	20060913	EP 2004-812310	20041213
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
BR 2004018079	A	20070417	BR 2004-18079	20041213
JP 2007519631	T	20070719	JP 2006-547015	20041213
US 20070088018	A1	20070419	US 2006-596495	20060615
US 7276516	B2	20071002		
MX 2006PA07199	A	20060914	MX 2006-PA7199	20060622
NO 2006003381	A	20060920	NO 2006-3381	20060721
PRIORITY APPLN. INFO.:			US 2003-532247P	20031223
			WO 2004-US39763	20041213

OTHER SOURCE(S): MARPAT 143:133274

GI

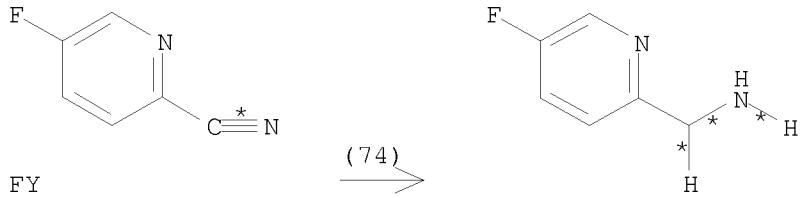


AB Title compds. I [the nitrogen containing ring = indolyl, pyrrolopyridinyl, etc.; X = amino, etc.] are prepared For instance,. N-(4-Fluorobenzyl)-4-[(3-phenylpyrrolo[3,2-c]pyridine-1-yl)sulfonyl]benzamide is prepared from 3-Phenyl-1H-pyrrolo[3,2-c]pyridine (preparation given) and 4-(4-Fluorobenzylcarbamoyl)benzenesulfonyl chloride (THF, KOBu-t, 16 h). Compds. of the invention exhibit IC50 \leq 5 μ M for the CB1 and CB2 receptors. I are useful in the treatment of psychosis, memory deficits, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders (e.g., multiple sclerosis, Guillain-Barre syndrome and the inflammatory sequelae of viral encephalitis), cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease and schizophrenia. I are also useful for the treatment of substance abuse disorders, particularly to opiates, alc., and nicotine and for the treatment of obesity or eating disorders associated with excessive food

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intake and complications associated therewith.

RX(74) OF 720 ...FY ==> FZ...



●2 HCl

FZ
YIELD 95%

RX(74) RCT FY 327056-62-2

STAGE(1)

RGT DV 7664-41-7 NH3, DW 7440-02-0 Ni
SOL 64-17-5 EtOH, 1333-74-0 H2
CON 16 hours, 70 deg C, 500 psi

STAGE(2)

RGT M 7647-01-0 HCl
SOL 7732-18-5 Water, 123-91-1 Dioxane

PRO FZ 859164-78-6
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT